

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 10	
2. AMENDMENT/MODIFICATION NO. 0005		3. EFFECTIVE DATE 31-Mar-2015		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable) P-259	
6. ISSUED BY NAVFAC NORTHWEST 1101 TAUTOG CIRCLE SILVERDALE WA 98315-1101		CODE N44255		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> X		9A. AMENDMENT OF SOLICITATION NO. N44255-15-R-6003	
				<input checked="" type="checkbox"/> X		9B. DATED (SEE ITEM 11) 27-Feb-2015	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Amendment 0005 is issued to respond to pre-proposal inquiries and incorporate additional documents to the RFP.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 31-Mar-2015	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been added by full text:

AMENDMENT 0005

1. The purpose of this amendment is to respond to the following pre-proposal inquiries received in response to the RFP:

INQUIRY PPI #001QUESTION:

Item 1

Can the Civil CAD files be made available to bidders for estimating the volume of earthwork?

Refer to the earthwork drawing CG101. The background, grade contours and elevations for existing earth and structures are not readable on this series of drawings. Specifically we request the CAD drawings with existing grade elevations for the following areas on drawing CG101:

1. Sonobuoy Issue Area (CX121)
2. Lox Plant Area (CX111)
3. All new Apron and existing building areas (CX 141, 142, 143, 144, 145)
4. New drain ditch area east of new apron area (CX 141/CD152 and 142/152)
4. Existing Rinse Rack Area (CX146)
5. Apron Area west of Rinse Rack Area (CX146)

CX numbers are taken from drawing C-101.

Item 2

Refer to drawings CU146 and CU147 which calls for Directional Boring Pits. There is confusion about if directional boring is an option or if Jack and bore is required as per spec section 33 05 23.30.

Item 3

Refer to drawing CG341, the profile A1 shows a ACP Shoulder cross section, but no other detail shows the depth of gravel borrow, crushed base course, asphalt pavement. Please confirm that the ACP shoulder section is the same detail as the apron as shown on CJ501 detail C1 with no concrete."

ANSWER:

Item 1:

Yes. AutoCAD Files are provided as attachments to this amendment for bidding purposes.

Item 2:

""Jack and Bore"" and/or ""Directional Boring"" are both acceptable methods of construction. Contractor shall be responsible for meeting the utility requirements of the contract specifications during each method.

Item 3:

ACP shoulder is called out on sheets CP141, and CP142 with a legend reference to Detail C1 Sheet CS501."

INQUIRY PPI #003**QUESTION:**

Section 23 09 23.00 24 requires installation of LonWorks DDC system that is integrated with the ICS front end per Section 25 10 10.00 24. There is no specification section that allows installation of a BACnet DDC system. Section 25 10 10.00 24 makes allowances for both types of communications protocols along with other interoperable protocols. The Niagara AX JACE communications drivers “normalize” all these communications protocols to a Niagara database so which communications protocol is used is not an issue to the ICS system Operator Interfaces and graphics. Specifying only LonWorks based systems limits the competition. Is either communications protocol acceptable?

ANSWER:

No. Acceptable DDC communications protocol for this project is limited to the LonWorks DDC system specified Section 23 09 23.00 24

INQUIRY PPI #004**QUESTION:**

Will Files be available prebid for takeoff purposes? If so how would contractor get them? We would like the Autocad civil 3d files and all associated xrefs used to generate the grading sheets CG101, CG111, CFG121 & CG141-CG146. If Autocad Civil 3d files are not available any Cad files would still be helpful. I would be more than happy to fill out whatever paperwork you require to release the cad files. If you have any questions please feel free to call. Thank you for your time.

ANSWER:

Yes. AutoCAD Files are provided as attachments to this amendment for bidding purposes.

INQUIRY PPI #005**QUESTION:**

Can the government provide complete as-built drawings of the buildings to be demolished?

ANSWER:

Yes. Files are provided as attachments to this amendment for bidding purposes.

INQUIRY PPI #007**QUESTION:**

Will the contractor be allowed, as in the past, to set up a portable wet batch plant on an approved site located on the base ? In the past this has relieved large impacts to the inspection gate and traffic on the main road on base. The plant would go through all required permitting and certifications.

ANSWER:

Onsite batch plants will be allowed. See related PPI #029

INQUIRY PPI #008**QUESTION:**

- 1.Is there a place on the airfield to dispose of the water from the HydroBlaster once it is filled with waste water from each removal cycle?
- 2.Does the removal, water and paint chips, need to be tested before disposed of?
- 3.Do the ground point connections need to be painted? If so, how many of them? It appears by the prints to show 2 per parking area, but is also says “Typical”?
- 4.With the new configuration of the parking ramps, do the new areas where the taxi lines and parking lines go, need to be HydroBlasted and cleaned before apply the new paint?

5.How many coats of paint are you requiring? The specs call out for the application rate only."

ANSWER:

Item 1 and 2:

Runway/apron paint is lead/chromium containing, wash water will require disposal off-base and must be characterized by NASWI Environmental prior to transport off-base. See the requirements of Section 02 83 13.00 20.

Item 3:

Ground point connection shall be painted as illustrated in Detail A5 Sheet CS506. Tie-down and grounding locations are required for each parking space as shown in Detail A1 Sheet CS506.

Item 4:

Preparation of pavement markings should be in accordance with the Manufacturer's Recommendations and Specification Section 32 17 23.00 20 Pavement Markings.

Item 5:

Pavement markings should be applied in accordance with the Manufacturer's Recommendations and Specification Section 32 17 23.00 20 Pavement Markings. Final marking shall be between 18 and 30 mils dry thickness.

INQUIRY PPI #009

QUESTION:

Please clarify the following- options have been noted to provide a responsive bid to the documents.

2.4.2- Panel Construction.

- Light transmission 30 percent
- Assembled panel thickness 4 inches

2.4.3- Thermal Performance

"Skylights (including frames and glass) shall be certified by the National Fenestration Rating Council with a whole unit Solar Heat Gain Coefficient (SHGC) maximum of 0.34 determined according to NFRC 200 procedures and a U-factor maximum of 0.69 BTU/ hr-ft²-F in accordance with NFRC 100".

2.5.b- "exterior panel faces shall be crystal in color. Interior panel faces shall be white in color".

The 4" panels that are specified with a Crystal exterior face sheet, and a White interior face sheet do not meet the performance requirements listed.

An uninsulated 4" panel has a 35% light transmission, a 0.55U-factor, and a SHGC of 0.52.

An insulated 4" panel has a 14% light transmission, a 0.15 U-factor, and a SHGC of 0.08.

Kalwall's 2-3/4" panels with a Crystal exterior face sheet, and a White interior face sheet have the following values;

An uninsulated 2-3/4" panel has a 35% light transmission, a 0.53 U-factor, and a SHGC of 0.52

An insulated 2-3/4" panel has a 20% light transmission, a 0.29 U-factor, and a SHGC of 0.28

An insulated 2-3/4" panel (with Crystal exterior and interior face sheets) has a 30% light transmission, a 0.29 U-factor, and a SHGC of 0.33.

Recommendation: In this application where the skylights are on the roof of a single story building, we recommend an insulated 2-3/4" thick panel.

The 2-3/4" panel with Crystal interior and exterior face sheets noted above meets all of the performance requirements of the specifications, and is more economically priced than the 4" panel.

Please confirm that the 2-3/4" insulated panel with Crystal exterior and interior face sheets is acceptable, or advise direction.

ANSWER:

See revised Section 08 60 45.

INQUIRY PPI #011**QUESTION:**

Drawing ES-108 shows the proposed electrical duct bank running under existing concrete pavement.

Drawings CD-145 & CD,-146 show those panels remaining in place.

Are we to assume we will have to remove half-panels and then replace them after placing the duct bank?

ANSWER:

Shift the new ductbank in question approximately 20 feet north and route thru the south end of the new apron concrete area indicated on sheet CS441.

See attached revised sheets ES108 and ES109 attached.

INQUIRY PPI #012**QUESTION:**

Do the plane grounding points as indicated on CS506 Detail A1 & C4 require a copper conductor connection to an existing ground loop in the concrete panels or is it only as per Detail C4? If a ground connection to needed to an existing ground loop is required where is it located?

ANSWER:

Provide as indicated in detail C4. No connections to ground grid required

INQUIRY PPI #013**QUESTION:**

Is there a required length for the L-867 Base Can indicated on E-502 Detail C2?

ANSWER:

Refer to specification 34 43 00.00 20, paragraph 2.7

INQUIRY PPI #014**QUESTION:**

Drawing E-641 shows the pad-mount transformer feeding the new rinse rack as 75KVA. Drawing E-602 shows what appears to be the same transformer as 45KVA. Which is correct?

ANSWER:

On E 602 change the Rinse Rack transformer capacity from 45KVA to read 75 KVA.

See revised sheet E 602 attached.

INQUIRY PPI #015**QUESTION:**

Drawing ES-103 shows a generator next to the new LOX facility. We cannot locate the specification for the new generator. Please provide this specification section.

ANSWER:

Refer to specification 26 32 13.00 20

INQUIRY PPI #016**QUESTION:**

Can we re-use the existing CT's when we relocate the AMI Meters to the new equipment, or will we be required to provide new?

ANSWER:

It is acceptable to reuse the existing CT's as long as they are compatible with the new equipment and are of the correct ratings

INQUIRY PPI #017

QUESTION:

Please confirm that all conduit for the Medium-Voltage ductbank is 4".

ANSWER:

All Medium Voltage ductbanks are 4" as indicated on the drawings

INQUIRY PPI #018

QUESTION:

In the spec section 31 23 00.00 20, Excavation and Fill, under page 11, paragraph 3.3 Excavation(last sentence), it states, "Determination of elevations and measurements of approved overdepth excavation of unsatisfactory material below grades indicated shall be done under the direction of the Contracting Officer".

Please clarify that removal and replacement of unsatisfactory material below grades indicated will be considered a change in condition and a modification to the contract.

ANSWER:

Over-excavation shall be anticipated by the contractor as illustrated by the boring and soils information available at the time of bid.

INQUIRY PPI #019

QUESTION:

On the electrical drawings there are a number of sheets with schedules on them which are unreadable. Please re-issue the following drawings with legible schedules: E-111, E-121, E-711, E-712, E-721, E 741, E-818, E-817, E-816, E-815.

ANSWER:

Yes. AutoCAD Files are provided as attachments to this amendment for bidding purposes.

INQUIRY PPI #020

QUESTION:

Detail C5 on E-813 shows the power and comm manhole connected. Can we provide two separate manholes with the sizes indicated for each and co-locate them instead?

Does the Government intend these manholes be cast-in-place or pre-cast?

No information on manholes or handholes was included in the specifications. Please provide any available manhole and handhole information.

ANSWER:

It is acceptable to separate and co-locate these manholes. Refer to specification 33 71 02

INQUIRY PPI #021**QUESTION:**

Note 6 in the bottom right-hand corner of Drawing E-813 states we are to provide a manhole cover security system in lieu of bolts, where indicated on plans. We cannot locate any specification or information about this system. Please provide a detail or specification for this item.

ANSWER:

Refer to specification 33 71 02, paragraph 2.14.7

INQUIRY PPI #022**QUESTION:**

Detail A1 on Drawing E-814 shows the pole base depth as 25 feet and the width as 6'. Is this correct?

ANSWER:

The pole base dimensions indicated are correct. However, please the pole height indicated on detail C1/E-502 changed to 100 feet.

See revised sheet E 502 attached.

INQUIRY PPI #023**QUESTION:**

On Drawing ES-101 the handhole on the north side of the new sonobuoy storage building is shown as Detail C1 on E-813 and Type 6. There is no Type 6 Handhole in Detail C1 on E-813.

ANSWER:

Detail C1 E-813 has been revised to C3 E-813.

See revised sheet ES 101.

INQUIRY PPI #024**QUESTION:**

Please provide the manhole type for the handhole shown on ES-103, Key Note 3.

ANSWER:

Provide handhole per detail C3/E-813, Type 5.

See revised sheet ES 103 attached.

INQUIRY PPI #025**QUESTION:**

Please provide a Detail for the handhole EMH-325A on drawing ES-108 so we can size the handhole correctly.

ANSWER:

Provide both manholes EMH-325A and TMH-325A per detail A3/E-813, Type 5

INQUIRY PPI #026**QUESTION:**

To the best of our knowledge, none of the handholes or manholes shown on Drawing E-813 are standard pre-cast vaults; they are all non-standard sizes. If we meet the requirements for wheel loading for each type, will the

Government allow a similar or larger size pre-cast vault size instead of following the detail for these vaults, which appear to be cast-in-place?

ANSWER:

Similar or larger sized pre-cast vaults are acceptable. Manholes must be rated for a maximum dual wheel loading of 100,000 lbs. In addition, change detail A3/E-813 Note #1 to read "Manhole and covers are designed for maximum dual wheel load of 100,000 LB."

See revised sheet E 813 attached.

INQUIRY PPI #027

QUESTION:

Section 28 31 74, paragraph 1.6.2

The referenced paragraph, "Manufacturer's Representative" states, "Provide the services of a representative or technician from the manufacturer of the system, experienced in the installation and operation of the type of system being provided, to supervise installation, adjustment, preliminary testing, and final testing of the system and to provide instruction to Government personnel."

Will the Government allow a NICET level IV certified fire alarm sub-contractor, factory trained from the manufacturer on the installation and operation on the system being provided for this project, perform this function?
Section 28 31 74, paragraph 1.6.2

The referenced paragraph, "Manufacturer's Representative" states, "Provide the services of a representative or technician from the manufacturer of the system, experienced in the installation and operation of the type of system being provided, to supervise installation, adjustment, preliminary testing, and final testing of the system and to provide instruction to Government personnel."

Will the Government allow a NICET level IV certified fire alarm sub-contractor, factory trained from the manufacturer on the installation and operation on the system being provided for this project, perform this function?

ANSWER:

A NICET Level III certified fire alarm sub-contractor is acceptable.

See revised spec section 28 31 74.00 20 page 4 attached.

INQUIRY PPI #028

QUESTION:

Item 1

Soil Boring Logs – We were not able to find any existing Soil Boring Logs in the RFP posted documents. Could you issue any soils information that may be available for the following area?

1. Sonobuoy Issue Area (CX121)
2. Lox Plant Area (CX111)
3. All new Apron and existing building areas (CX 141, 142, 143, 144, 145)
4. New drain ditch area east of new apron area (CX 141/CD152 and 142/152)
4. Existing Rinse Rack Area (CX146)
5. Apron Area west of Rinse Rack Area (CX146)

CX numbers are taken from drawing C-101.

Item 2

Ground Water Piezometer Information - We were not able to find any existing Ground Water Piezometer or other ground water information in the RFP posted documents. Could you issue any ground water information that may be available for the project areas list in item 1?

ANSWER:

Item 1 Response to question 1 to 5: See Sheets B111, B121, B131, B132, B133.

Item 2 Groundwater data is available in the Geotechnical Report.

Geotechnical Report is provided as an attachment to this amendment for bidding purposes.

INQUIRY PPI #033**QUESTION:**

Drawing M-841, Aircraft Rinse Facility Water Control Sequence, A., indicates a pressure reducing valve to 30 PSIG for the bottom spray manifold. On Drawing P-602, Nozzle Schedule, the Design Pressure is 40 PSI. Should the pressure be 30 or 40 PSI?

ANSWER:

The correct distribution pressure for the bottom spray manifold is 40 PSI.

See revised sheet M 841 attached.

INQUIRY PPI #034**QUESTION:**

Drawing P-602, Nozzle Schedule shows N1 as a Solid Stream spray pattern, but with 110 degree angle. It also shows N4 nozzles to be Full cone, but no angle. Should the bottom spray manifold nozzles, N1 be the Full Cone and the over wing nozzles N4 be Solid Stream?

ANSWER:

Yes, the N1 nozzle should be FULL CONE and the N4 nozzle should be SOLID STREAM.

See revised sheet P 602 attached.

INQUIRY PPI #045**QUESTION:**

Drawing M-841, Aircraft Rinse Facility Water Control Sequence, A., indicates total design flow of 1,000 GPM. Calculating the number of nozzles and flow on the Nozzle Schedule, total flow will be 1,093 GPM. Which is correct?

ANSWER:

See revised sheet P 541 attached.

***** End of PPI Responses *****

2. The following CAD files are provided as attachments to the RFP:

1. [AFLD_P259-CG101.DWG](#)
2. [AFLD_P259-CG111.DWG](#)
3. [AFLD_P259-CG121.DWG](#)
4. [AFLD_P259-CD141.DWG](#)
5. [AFLD_P259-CG142.DWG](#)
6. [AFLD_P259-CG143.DWG](#)
7. [AFLD_P259-CG144.DWG](#)
8. [AFLD_P259-CG145.DWG](#)
9. [AFLD_P259-CG146.DWG](#)

3. The following As-Built files are provided as attachments to the RFP:

B2528 SET FOUR RECORD DWGS.PDF
 B2528 SET ONE RECORD DWGS.PDF
 B2528 SET THREE RECORD DWGS.PDF
 B2528 SET TWO RECORD DWGS.PDF
 B2621 LOX SET ONE RECORD DWGS.PDF
 B2621 LOX SET TWO RECORD DWGS.PDF
 B2666_81814.PDF
 B2707 SET ONE RECORD DWGS.PDF
 B2786 SET ONE RECORD DWGS.PDF
 B2800 SET ONE RECORD DWGS.PDF

4. The following drawings are revised and incorporated into the RFP via this amendment (revised drawings provided as attachments to the RFP):

DRAWING NO.	NAVFAC DWG. NO.	TITLE	PPI
ES 108	16030521	PARTIAL SITE PLAN – ELECTRICAL	PPI 011
ES 109	16030522	PARTIAL SITE PLAN – ELECTRICAL	PPI 011
E 602	16030537	BASE POWER ONE-LINE DIAGRAM	PPI 014
E 502	16030535	LIGHTING DETAILS	PPI 022
ES 101	16030514	PARTIAL SITE PLAN – ELECTRICAL	PPI 023
ES 103	16030516	PARTIAL SITE PLAN – ELECTRICAL	PPI 024
E 813	16030551	DETAILS	PPI 026
M 841	16030488	AIRCRAFT RINSE FACILITY CONTROLS	PPI 033
P 602	16030456	PLUMBING SCHEDULES	PPI 034
P-541	16030454	PLUMBING DETAILS	PPI 045

5. The following plans and specs sections are revised and incorporated into the RFP via this amendment (revised sections attached):

SECTION 08 60 45 PAGE 6 & 7 PPI 009
 SECTION 28 31 74.00 20 PAGE 4 PPI 27

6. The following report is provided as an attachment to the RFP:

Geotechnical Report dated February 18, 2015 PPI 0028

7. The proposal due date is NOT EXTENDED via this amendment and remains **no later than 02:00 p.m. local time on April 14, 2015**

8. All other terms and conditions remain unchanged. Offerors are reminded to acknowledge receipt of this amendment in Block 19 of the SF 1442 submitted in response to the subject RFP.

-----End of Amendment-----

(End of Summary of Changes)